PAMS Technical Documentation
NSE–6 Series Transceivers

Service Tools

Original 08/98

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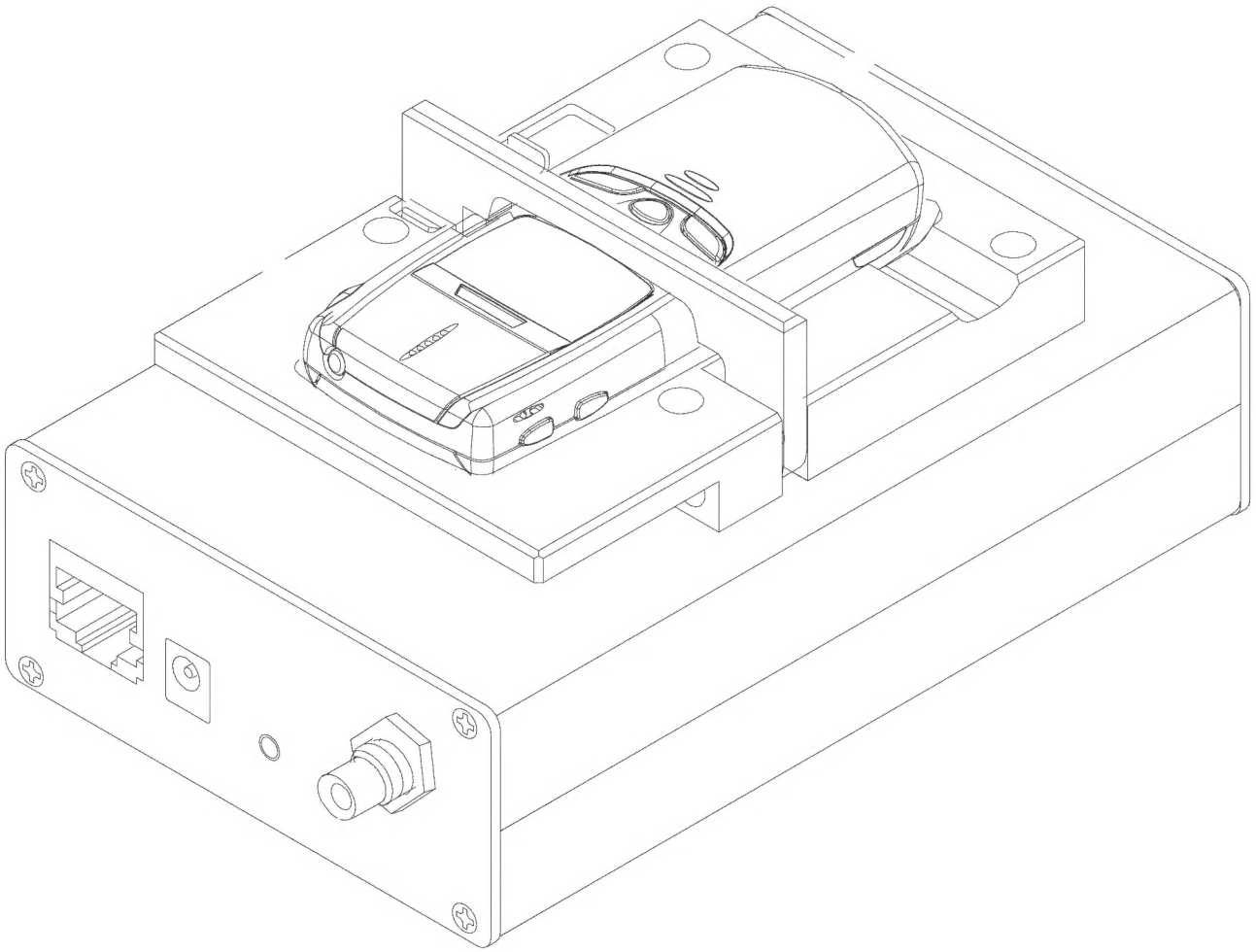
Service Box JBU–5

The Service Box JBU–5 is used for power supply and current calibration. Also flash loading and functional tests.

Product Code

Service Box JBU–5: 0770120

View of JBU–5



PNS–5

”Pin set” PNS–5 is a spare part for Service Box JBU–5

Product Code

Pin set PNS–5: 0750122

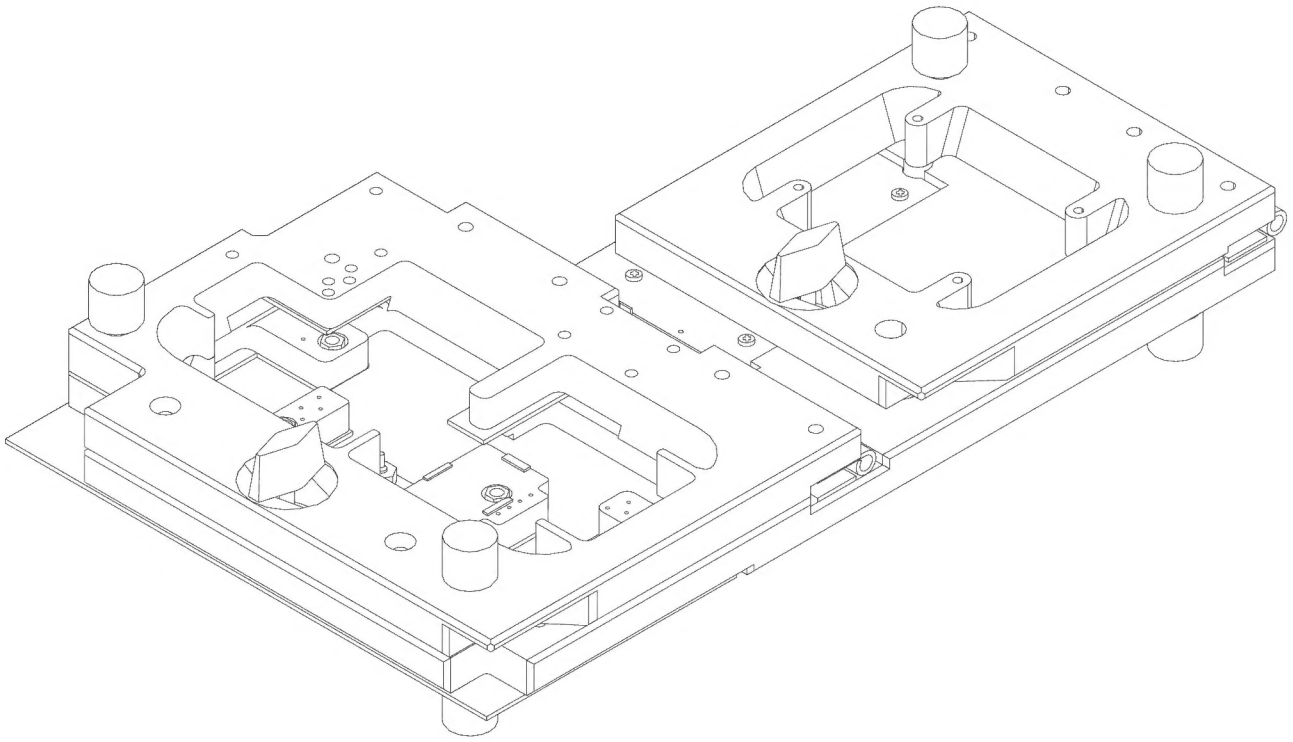
Module Jig MJS–6

The Module Jig MJS–6 is used for repair of system/RF module. *

Product Code

Module Jig MJS–6: 0770121

View of MJS–6



*Note: The nominal supply voltage for MJS–6 is +3.6 V.
The supply voltage must not exceed +5.0 V.

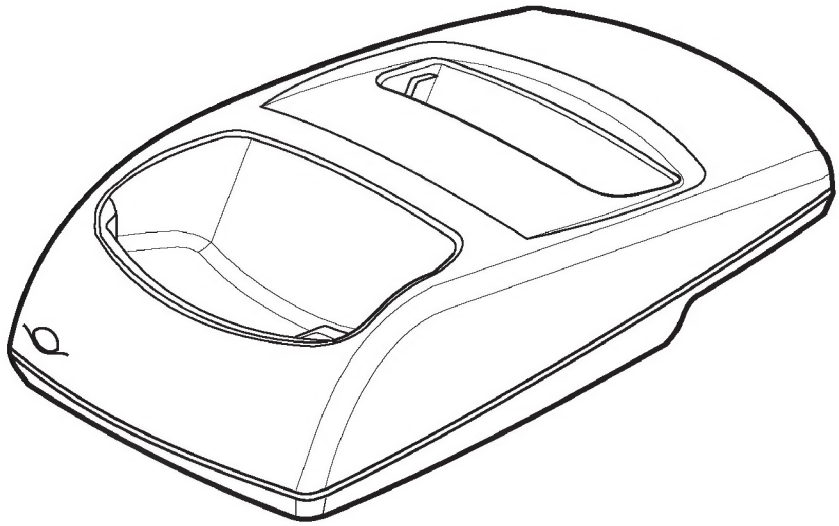
Battery Adapter BDS–6

The Battery Adapter BDS–6 is used along with an external battery capacity meter to check battery capacity.
Note that Li–ion batteries have an internal protection circuit to prevent deep discharge.

Product Code

Battery Adapter BDS–6: 0750121

View of BDS–6



Flash Loading Adapter FLA–5 (Sales Pack)

The Flash Loading Adapter FLA–5 is used with the Service Battery BBD–3 and Service Cable SCH–5. Power is supplied to FLA–5 from the Flash Security Box TDF–4 via the DC cable PCC–1, (The PCC–1 cable can be replaced with a Travel Charger ACH–6), and is connected to the Flash Prommer FPS–4S with the cable AXS–5.

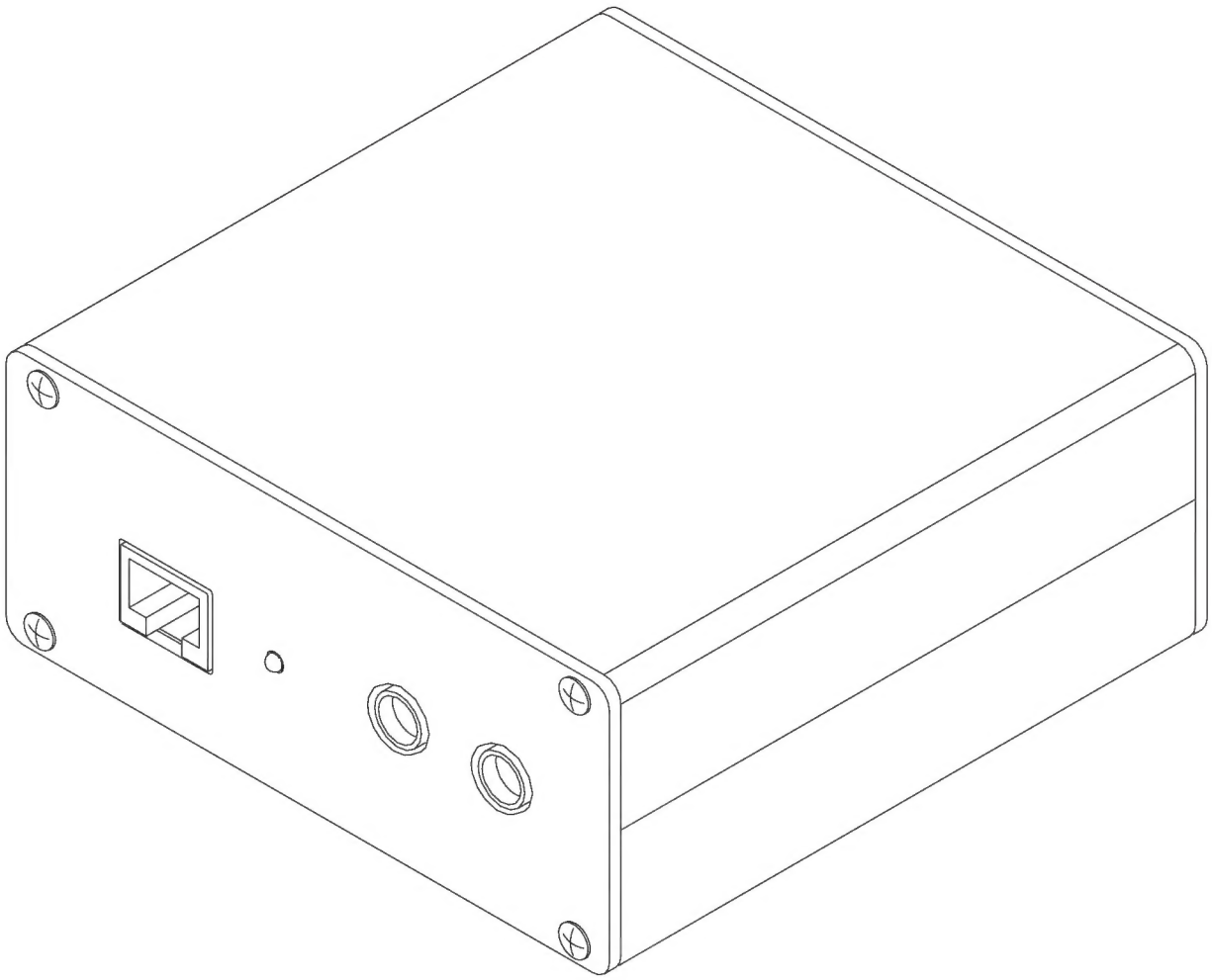
The sales pack includes:

– Flash Loader Adapter FLA–5	0770085
– Service cable SCH–5	0730098
– D15 – D15 Cable AXS–5	0730091
– Installation software for FPS–4	8400041

Sales package code

Flash Loading Adapter FLA–5: 0080178

View of FLA–5



Flash Prommer FPS–4S (Sales Pack)

The Flash Prommer FPS–4S is used to update the main software of the phone. Updating is done by first loading the new MCU software from the PC to the flash prommer, and then loading the new SW from the prommer to the phone. When updating more than one phone in succession, the MCU software only needs to be loaded to the prommer once.

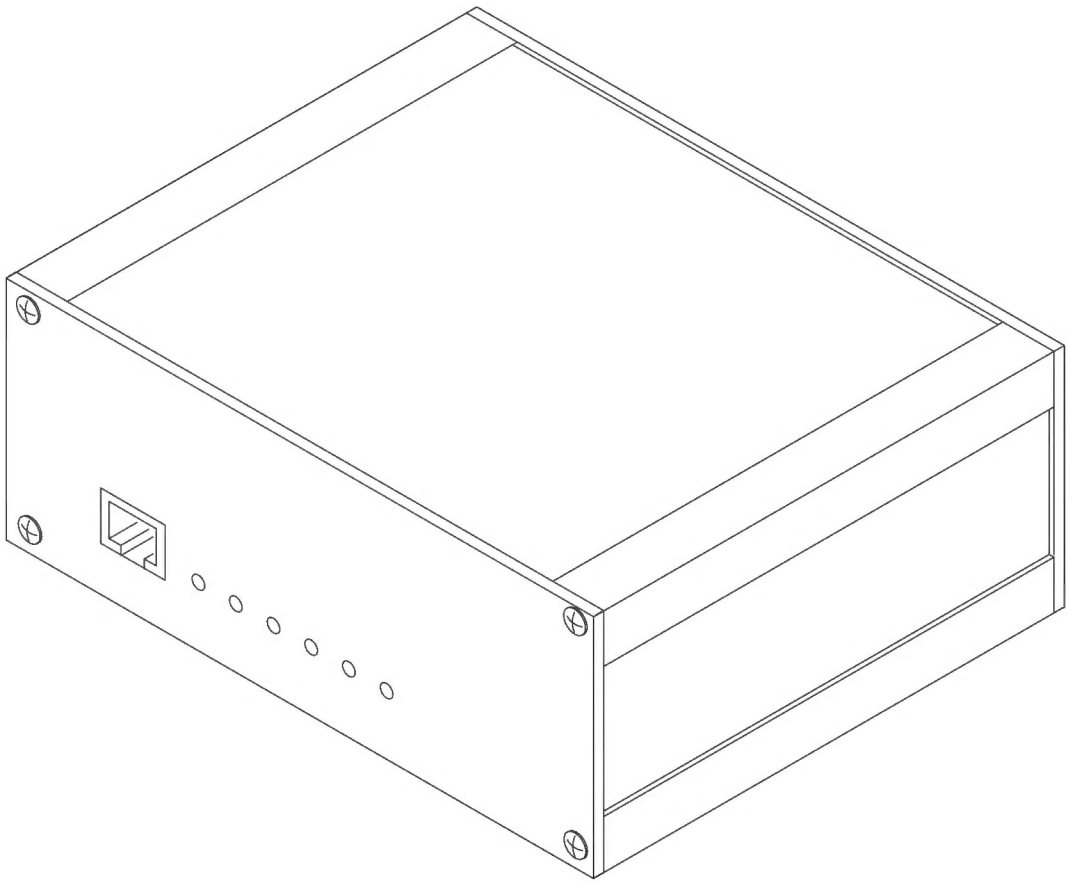
The sales pack includes:

– Flash Prommer FPS–4	0750090
– Charger ACL–3E	0680015
– Printer cable	0730029
– D9 – D9 Cable AXS–4	0730090
– Installation software for FPS–4	8400041

Sales package code

Flash Prommer FPS–4:	0085095

View of FPS–4



NOTE: When flashing NSE–6 phone, FPS–4 must be upgraded using 1 Mb SRAM module (0200742).

Security Box TDF–4

The Security Box TDF–4 is required for updating MCU software, and infra red testing.

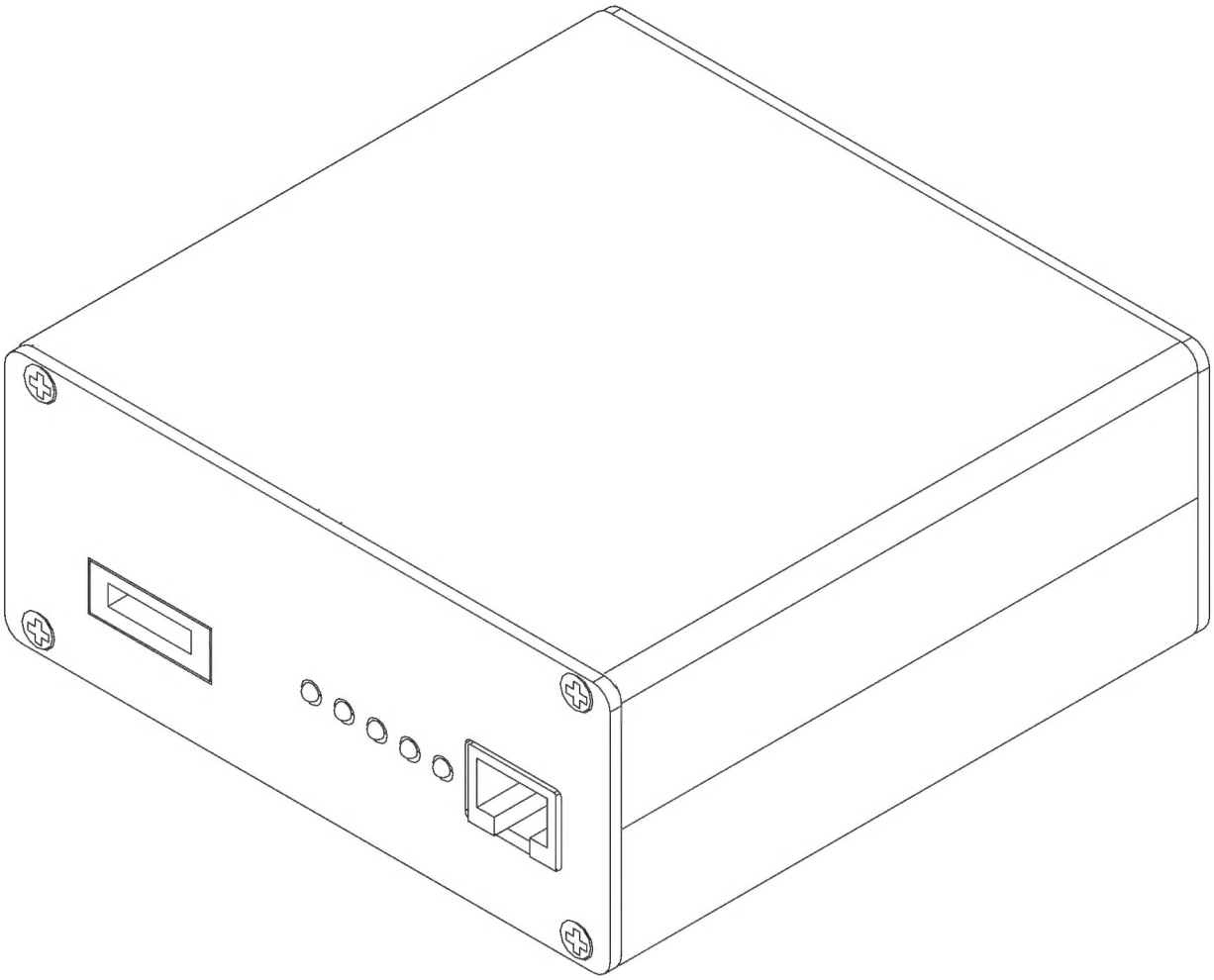
Note 1: TDF–4 is delivered in de–activated mode. Fill in the enclosed Activation Request Form, and fax to NMP Salo to get the activation code

Note 2: The infra red module JLP–1 is not included in the TDF–4 sales package

Product Code

Security Box TDF–4: 0770106

View of TDF–4



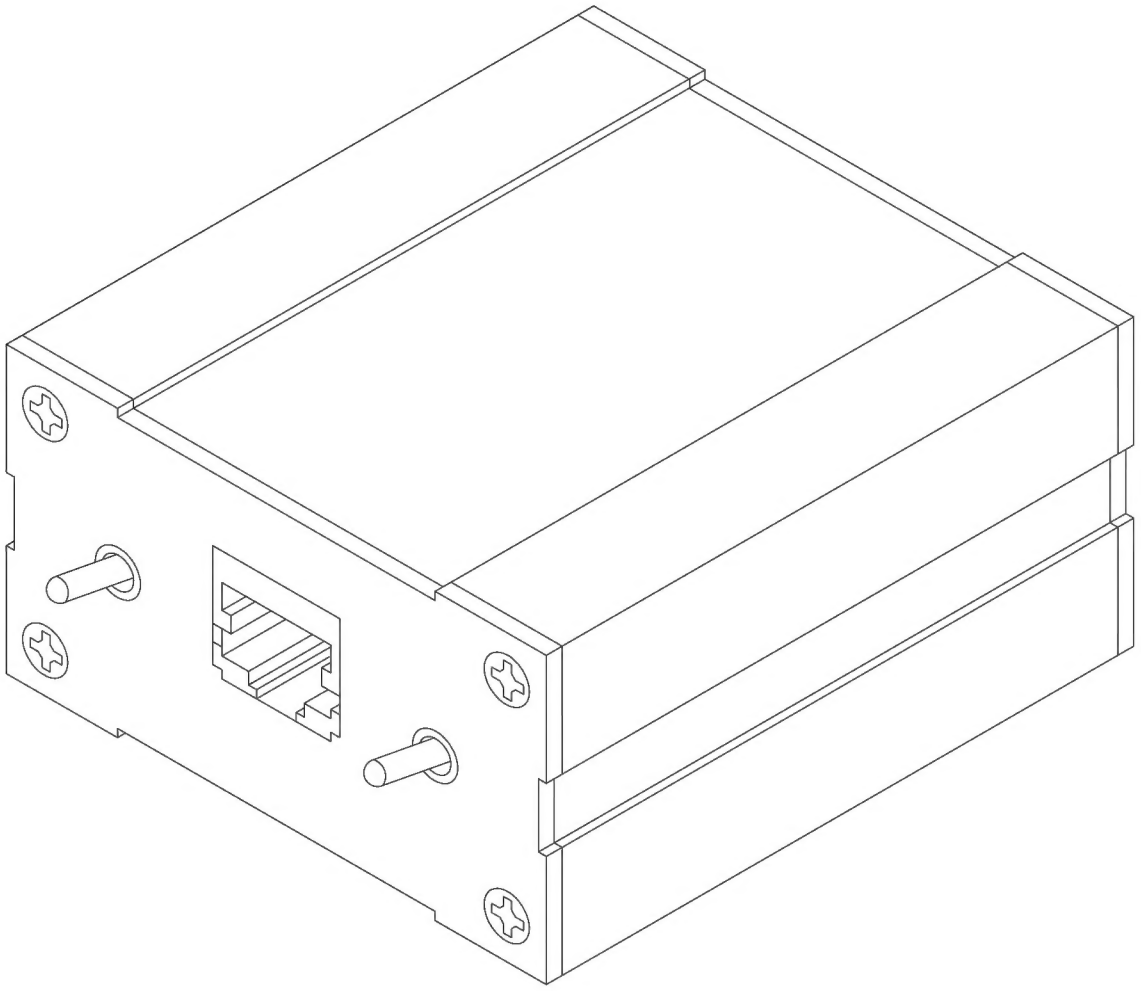
Service Audio Box JBA–4

The Service Audio Box JBA–4 is used between the Service Cable SCH–5, MBUS Cable DAU–9S, and Audio Cable ADS–1.

Product Code

Service Audio Box JBA–4: 0770094

View of JBA–4



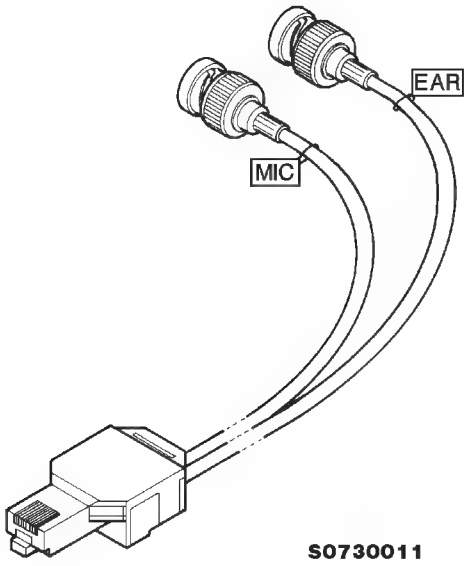
Audio Cable ADS–1

Audio cable is an adapter routing AF signals (MIC/EAR) from 8 pin modular connector to two BNC connectors. It is used to connect JBA–4, SCH–5, and DAU–9S.

Product code

Audio Cable ADS–1: 0730011

View of ADS–1



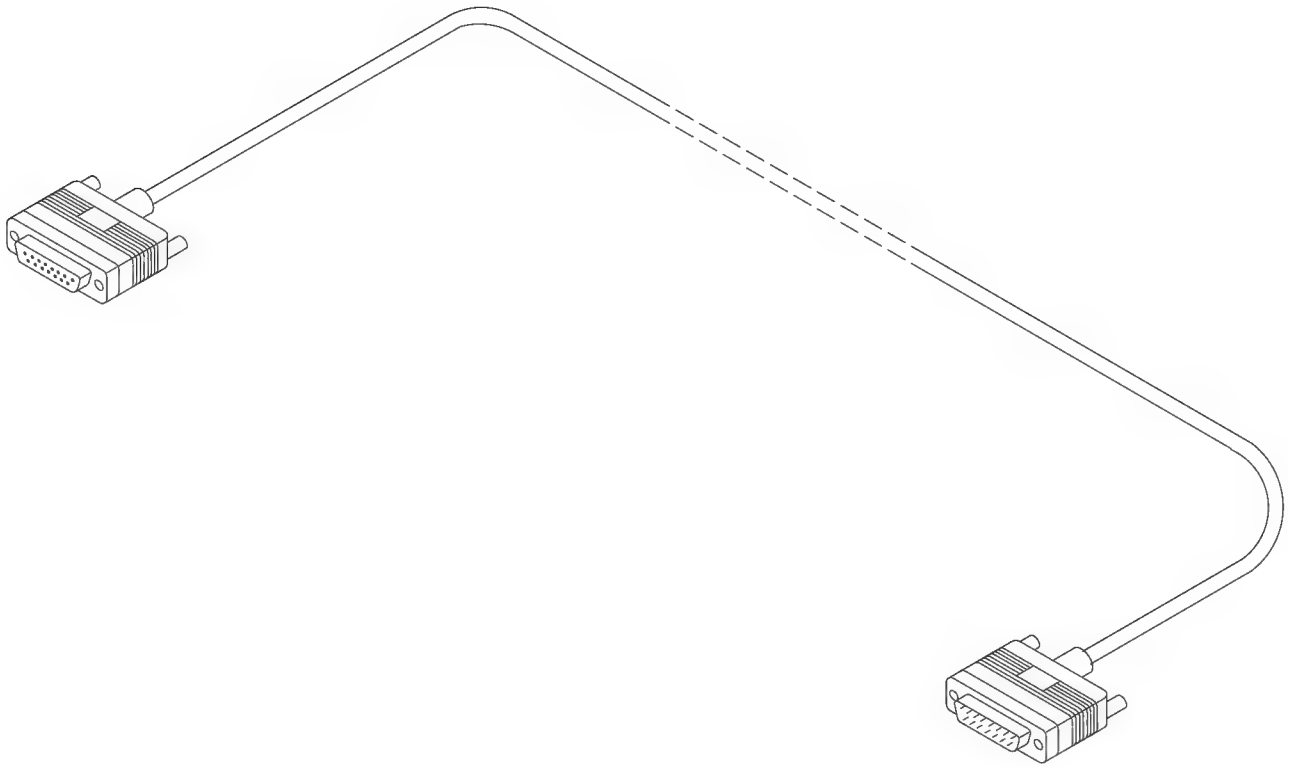
D15–D15 Cable AXS–5

The D15–D15 Cable AXS–5 is used to connect two 15 pin D connectors. e.g. between FLA–5 and FPS–4S.

Product Code

D15–D15 Cable AXS–5: 0730091

View of AXS–5



DC Charging Cable PCC–1

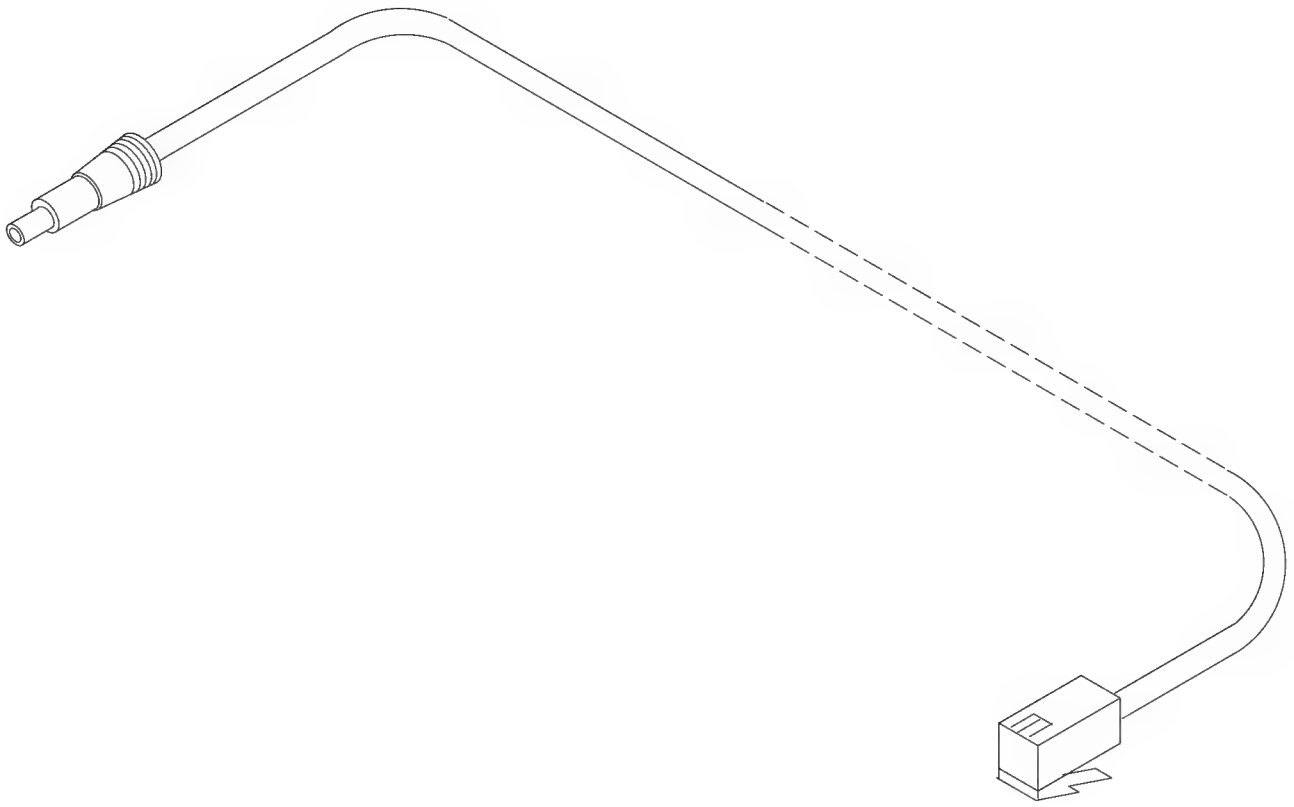
The DC Cable PCC–1 is used e.g. to connect FLA–5 and TDF–4.

Product Code

DC Cable PCC–1 (with modular RJ connector): 0730053

DC Cable PCC–1B (with banana connectors): 0770050

View of PCC–1



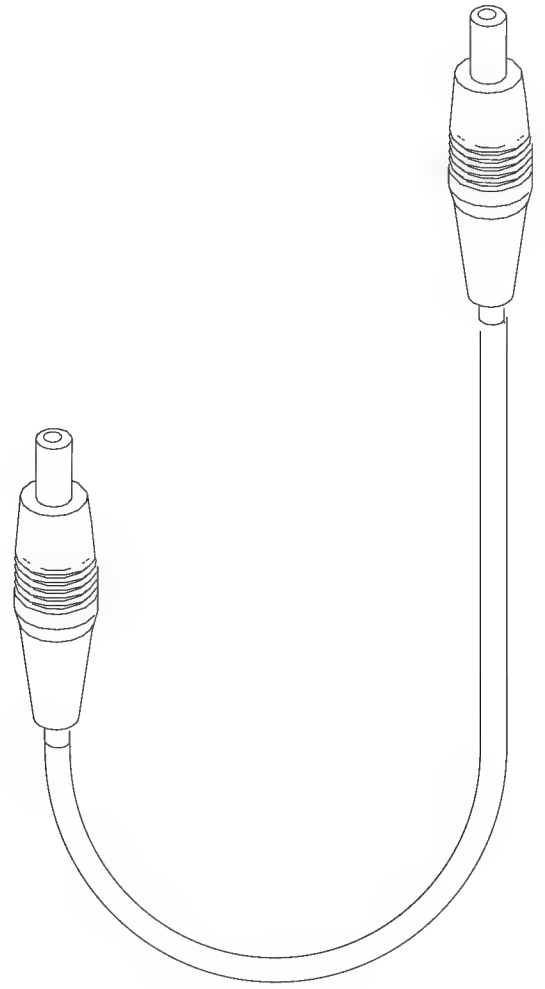
DC Cable SCB–3

The DC Cable SCB–3 is used to connect the Service Battery to the charger connection Vin of the phone when doing the charger calibration service procedure.

Product Code

DC Cable SCB–3: 0730114

View of SCB–3



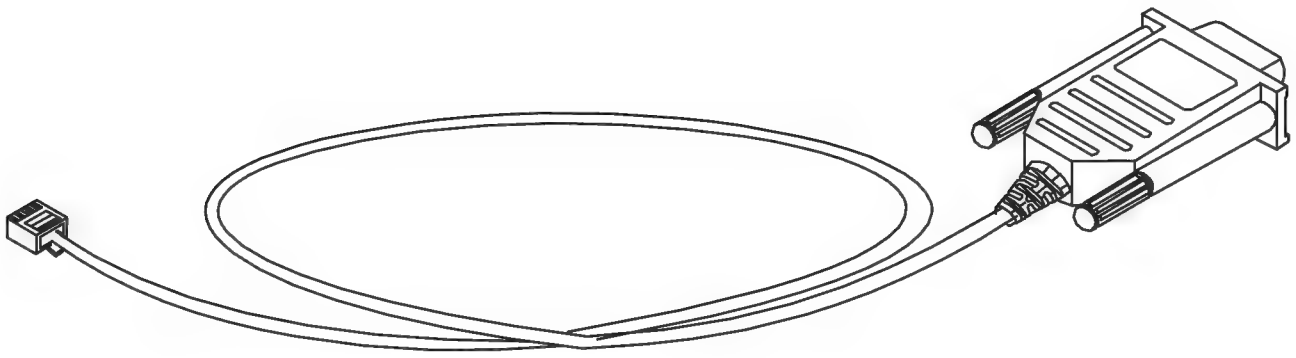
MBUS Cable DAU–9S

The MBUS Cable DAU–9S has a modular connector, and is used with the service Audio Box JBA–4, or a modular T–adapter.

Product Code

MBUS Cable DAU–9S: 0730108

View of DAU–9S



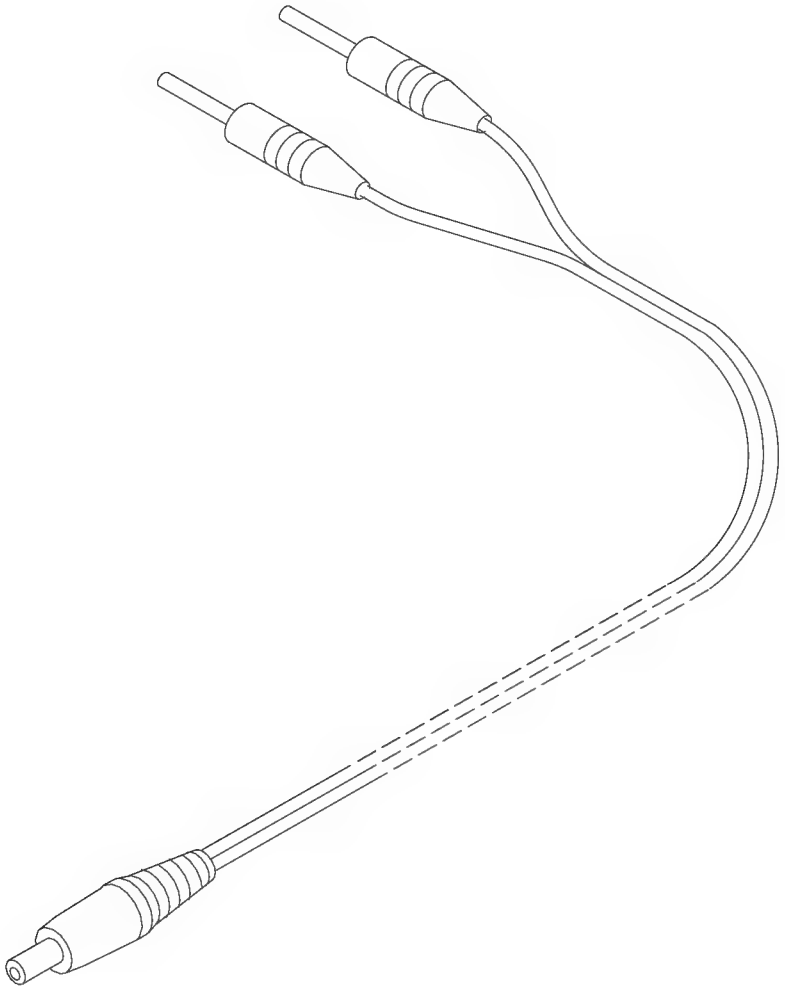
Power Cable PCS–1

The Power Cable PCS–1 is used to connect the module jigs JBT–1 and JBS–19 to an external power supply. Can be used with FPS–4 also.

Product Code

Power Cable PCS–1: 0730012

View of PCS–1



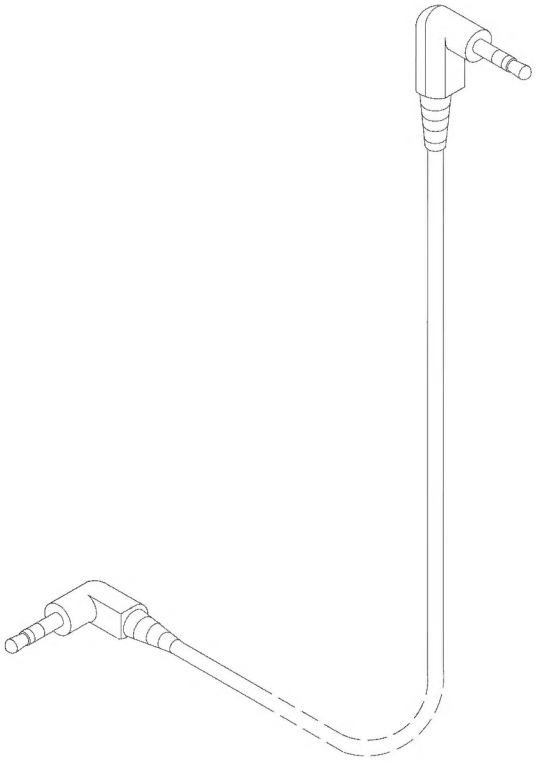
Audio Cable SCA–5

Audio cable is an adapter routing AF signals (MIC/EAR) from phones headset connector to the service box JBU–5.

Product code

Audio Cable SCA–5:	0730136

View of SCA–5



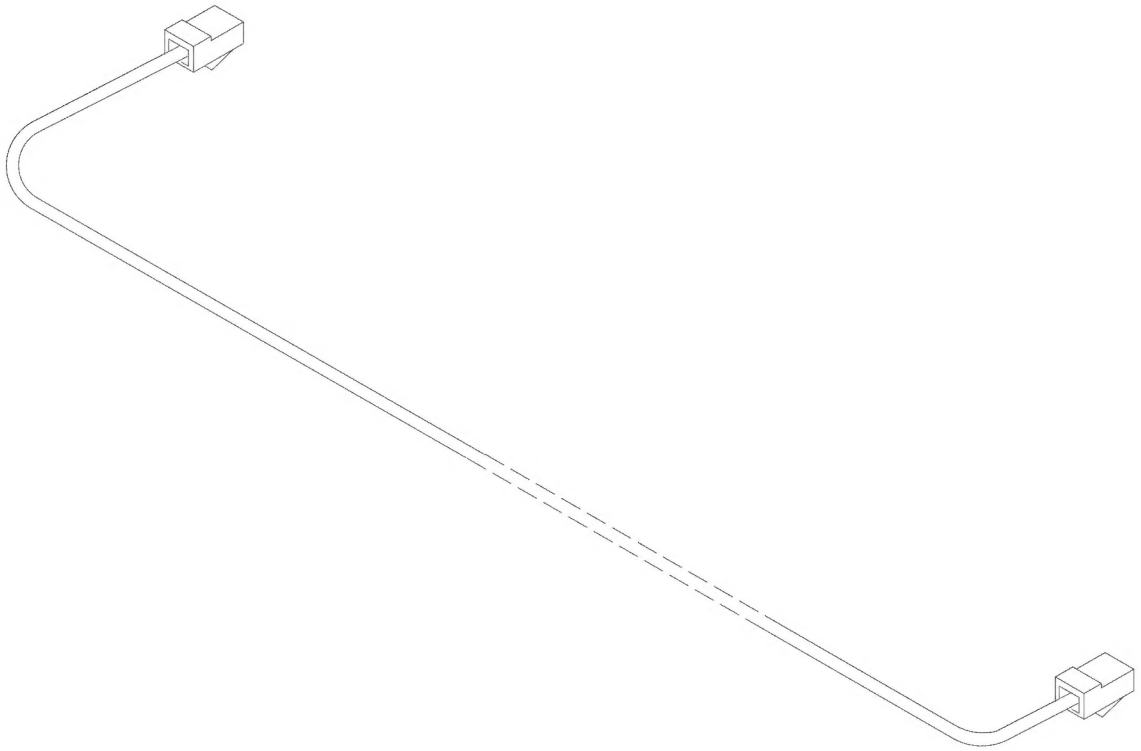
Service Cable XCM–5

XCM–5 is a modular cable for flashing.

Product code

Service Cable XCM–5: 0730142

View of XCM–5



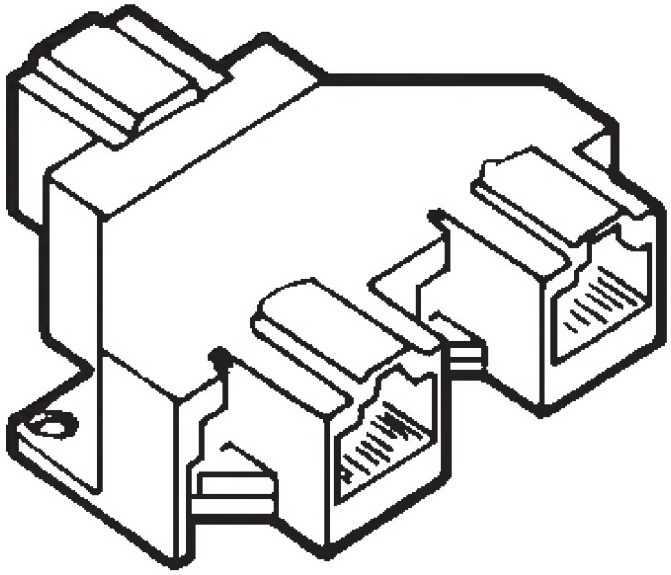
Modular T–adapter

The modular T–adapter is a suitable branching unit to provide the needed parallel modular connections.

Product Code

Modular T–adapter: 4626134

View of Modular T–adapter



SW Security Device PKD–1

SW security device is a piece of hardware enabling the use of the service software when connected to the parallel (LPT) port of the PC. Whitout the dongle present it is not possible to use the service software. Printer or any such device can be connected to the PC through the dongle if needed.

Caution: Make sure thet you have switched off the PC and the printer before making connections!

Caution: Do not connected the PKD–1 to the serial port. You may damage your PKD–1!

Product Code

SW Security Device PKD–1: 0750018

View of SW Security Device